

1/6

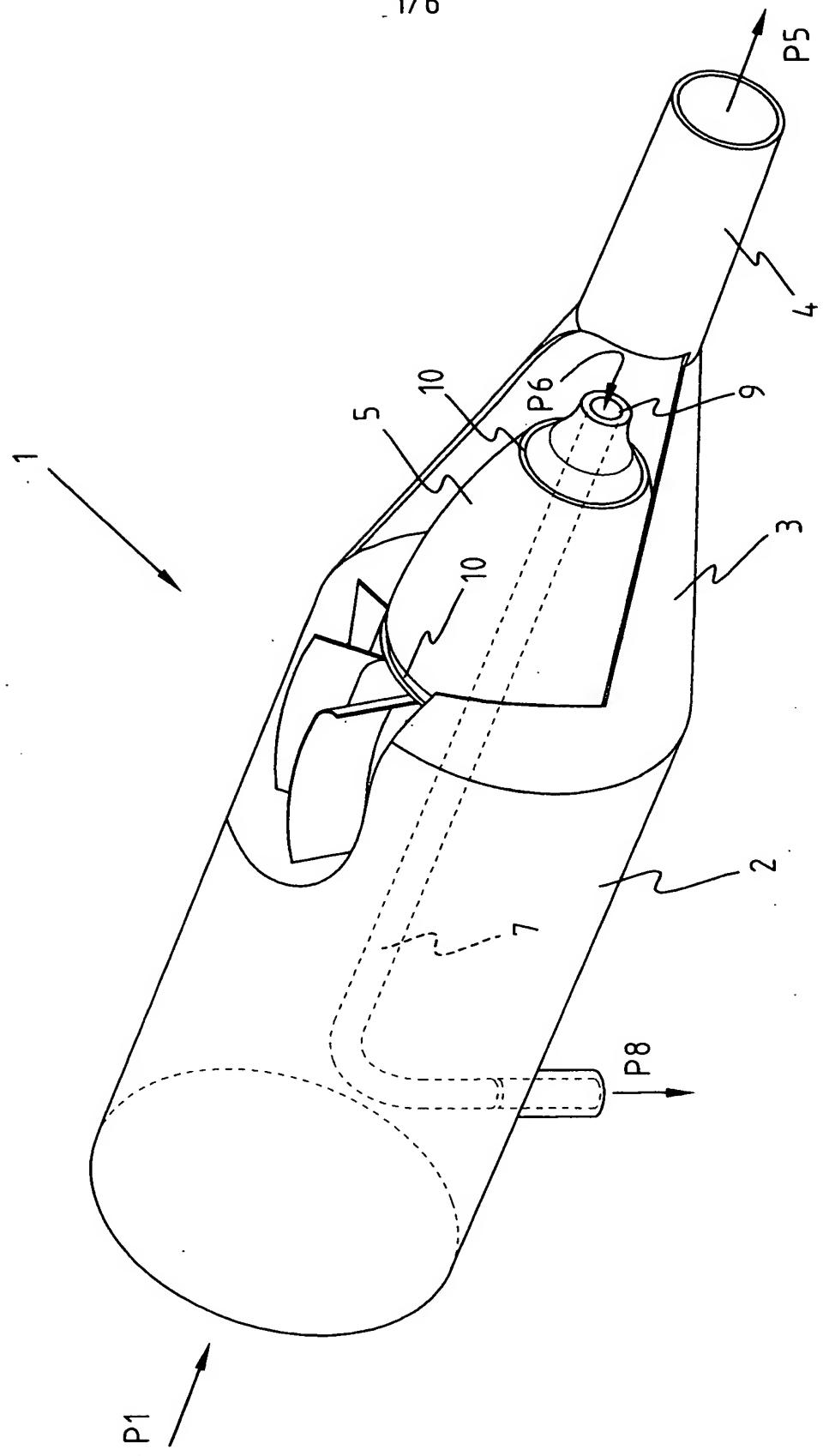
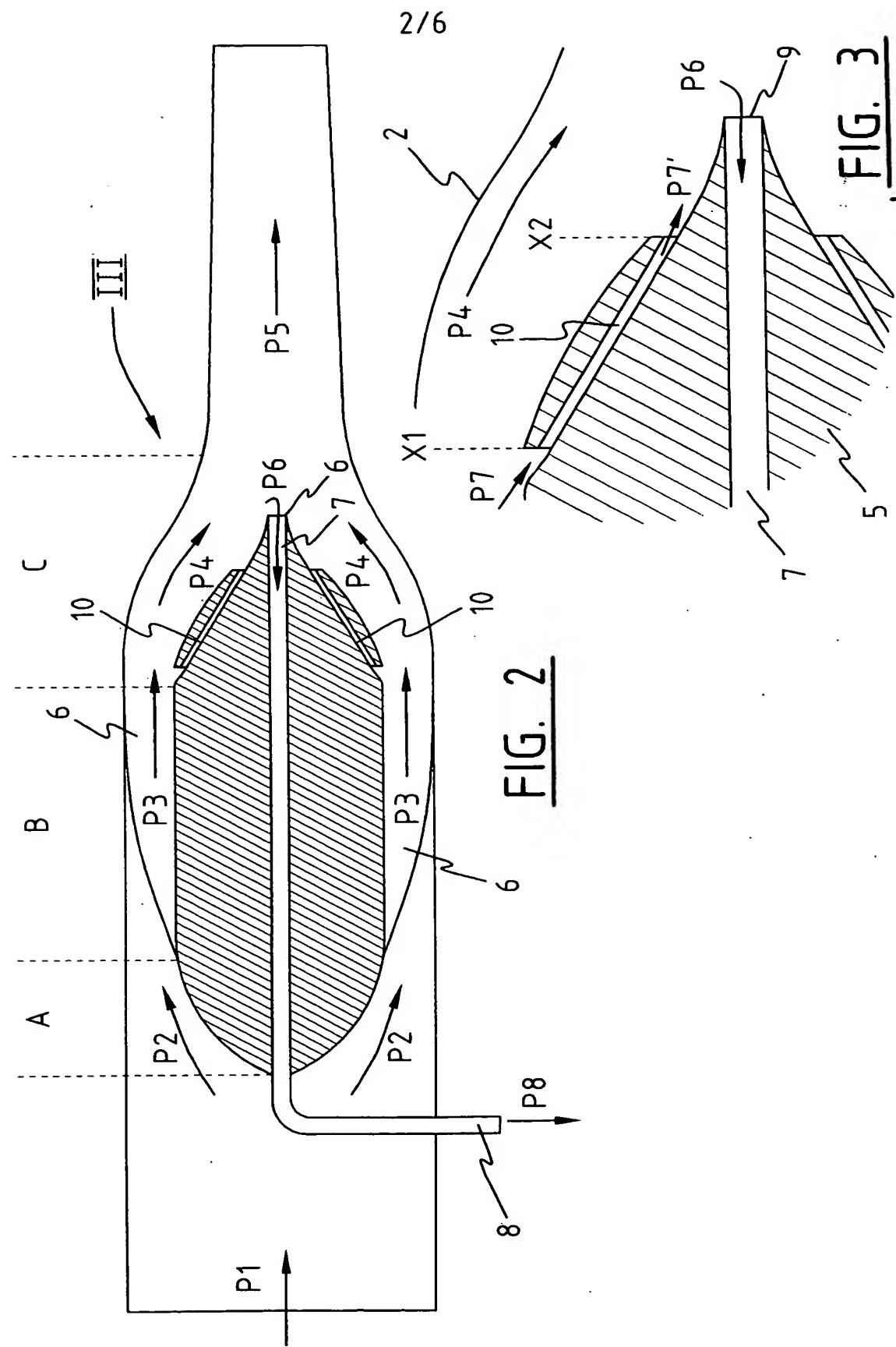


FIG. 1



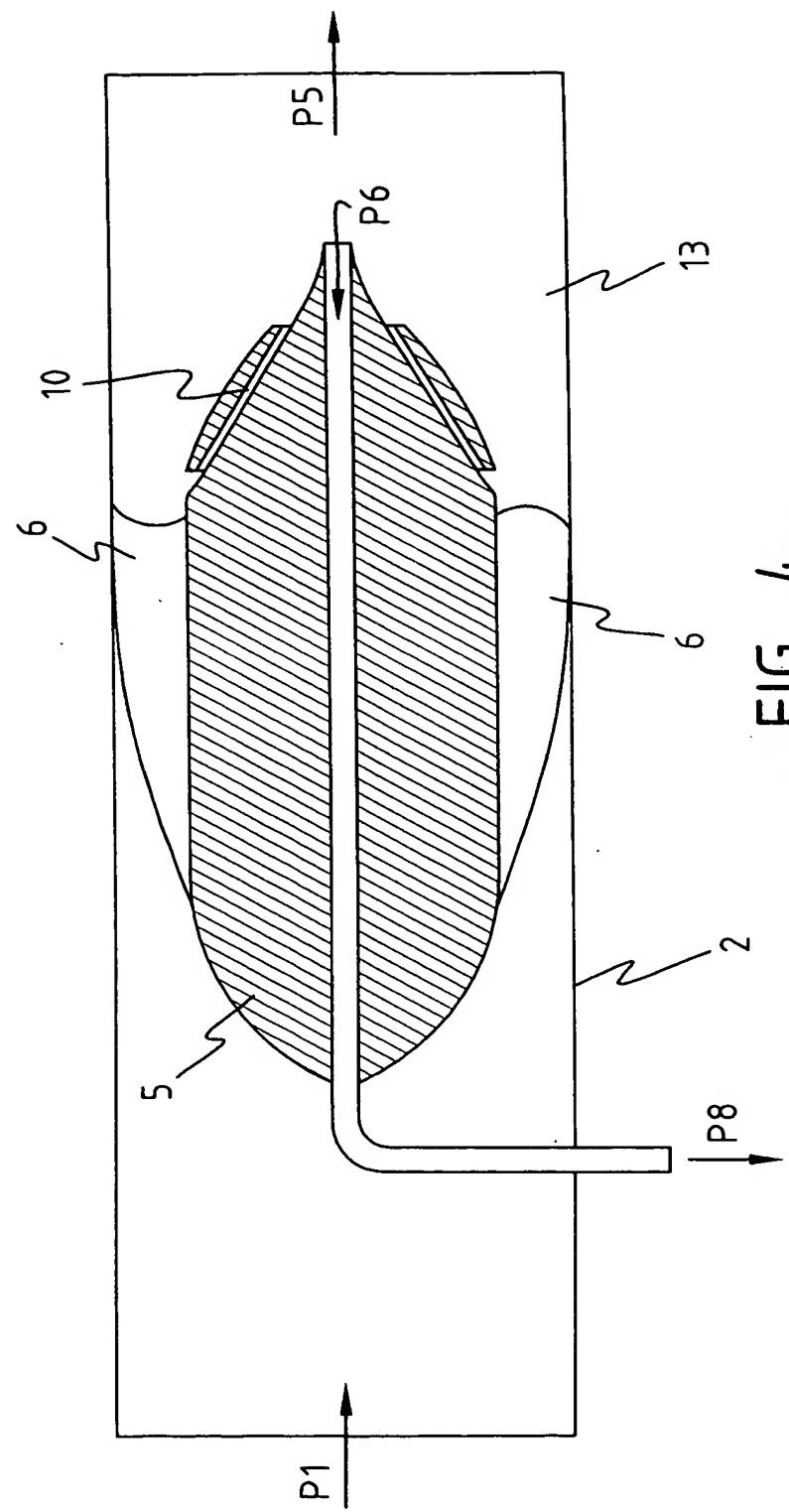


FIG. 4

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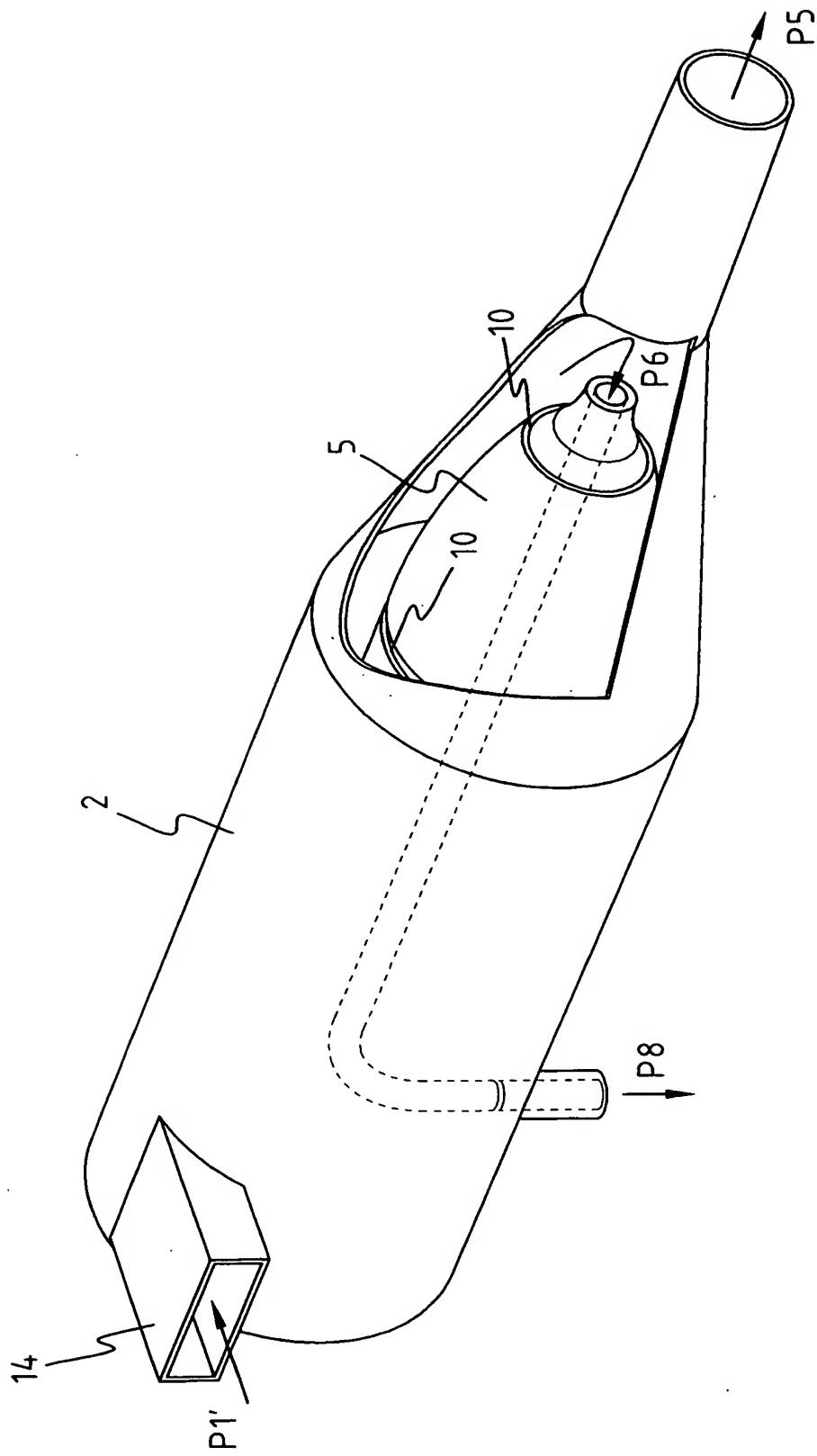


FIG. 5

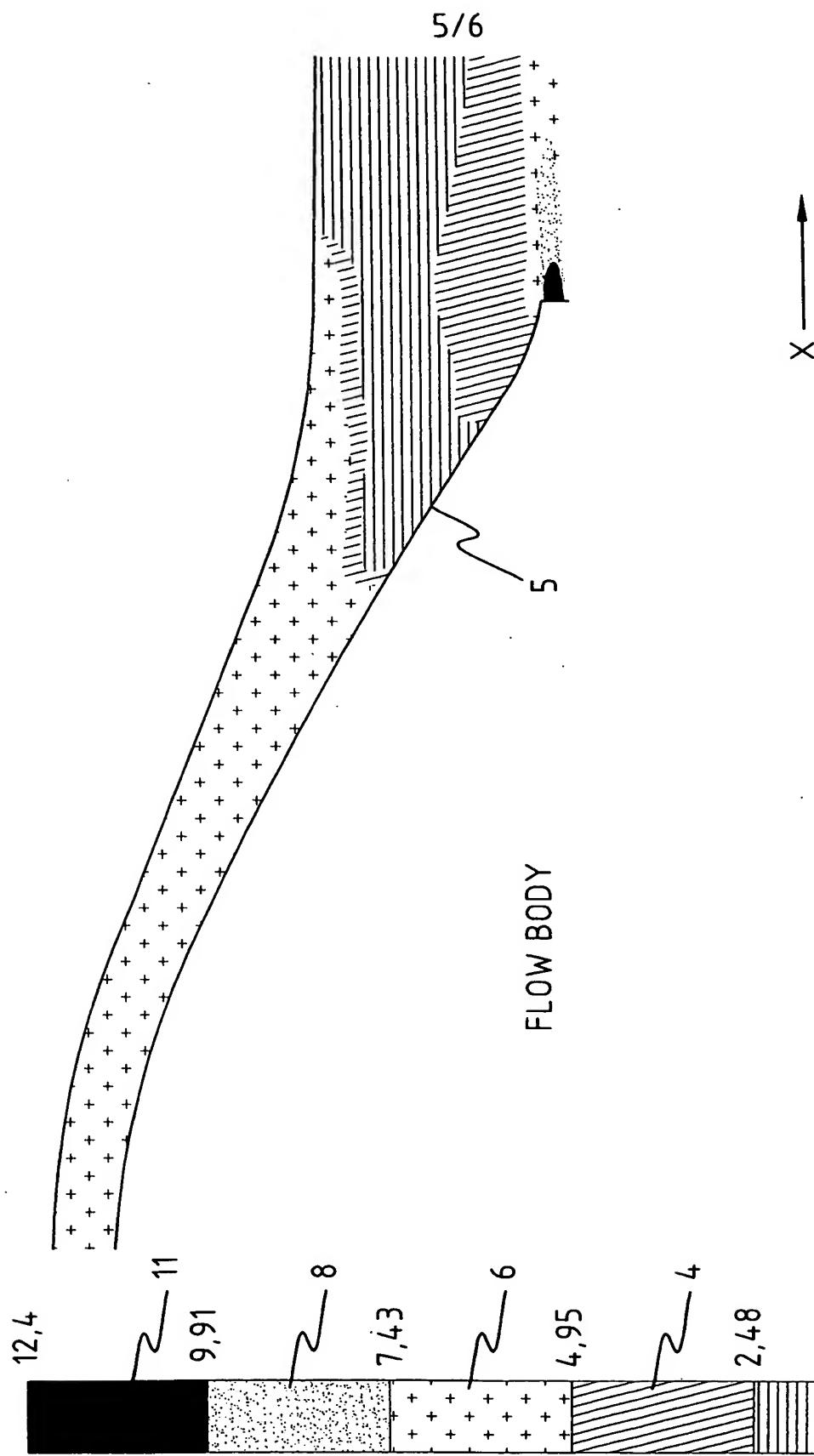


FIG. 6

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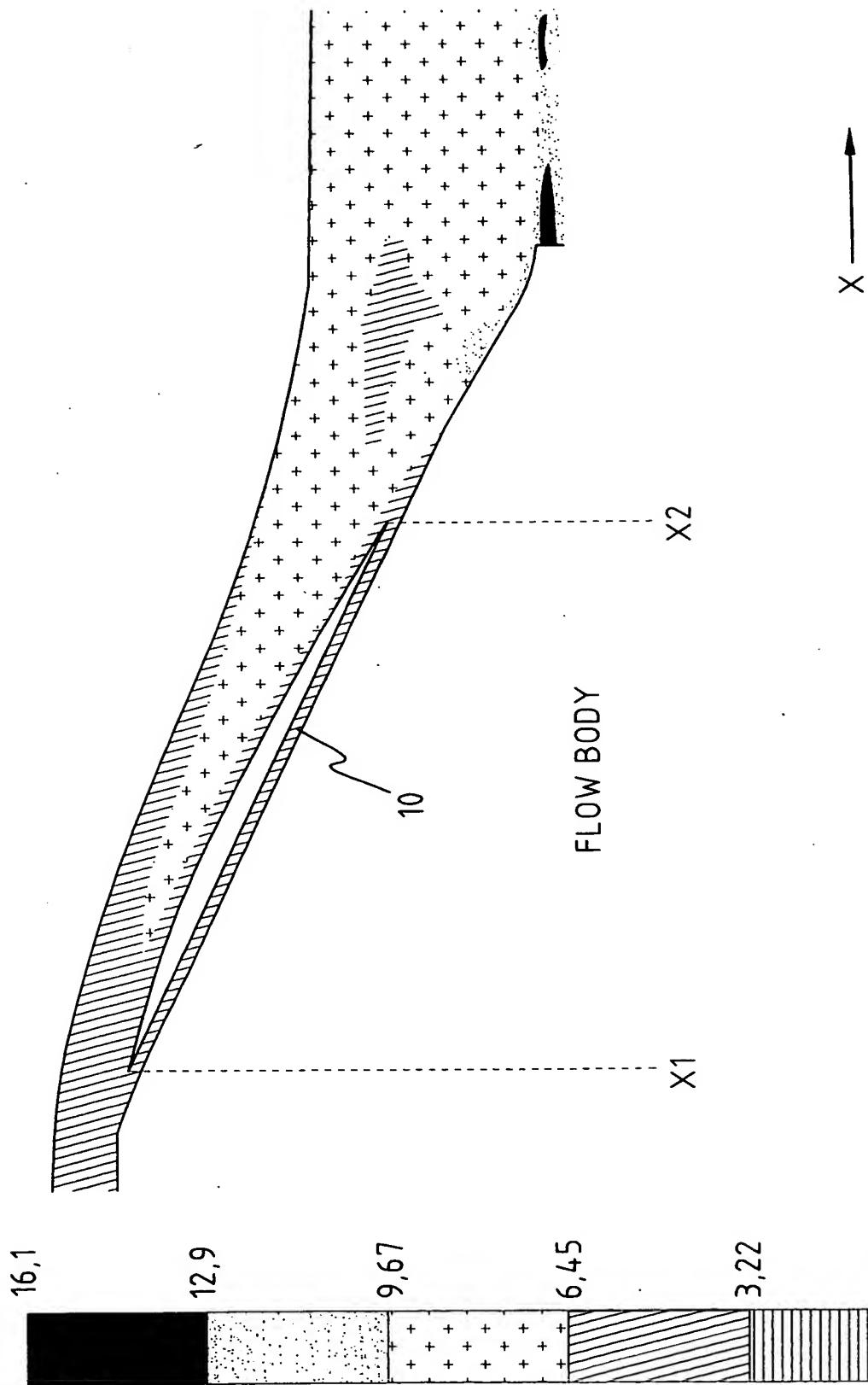


FIG. 7

contours of swirl velocity (m/s)